NAME	: Honors Bio Ch 2 Review
a)_ b)_ c)_ d)_	List the 6 elements(Symbol and name) which make up 99% of living things:
<i>'</i>	Create a table in the space below in which you list the three sub-atomic particles and identify their charge and location within the atom:
	Define the following: ELEMENT:
b)	ATOM:
c)	ATOMIC NUMBER:
d)	MASS NUMBER:
e)	MOLECULE:
f)	COMPOUND:
4.	Explain the "Law of Definite Proportions".

5. Explain the manner in which the Periodic Table is organized int "Groups".	to "Periods" and
6. Write the name for the following groups: a)	
8. What is the "net" charge of an atom?9. Define: ISOTOPE	
10. Which is more "reactive"? Group 1A or 8A(Circle one)11. Which is more "reactive"? Group 1A or 2A(Circle one)12. Which is more "reactive"? Group 2A or 8A(Circle one)13. Explain where the dividing line between metals and non-metals	s is located.
14. What is the name(s) for some elements which are located along and show "some" characteristics of metals.	the dividing line
15 How many neutrons are in carbon-14? 16 How many protons are in neon-20? 17 How many neutrons are in beryllium-9?	

HONORS BIOLOGY QUIZ CH 2(continued)

18.	How many outermost(valence) electrons in Group 1A elements?
19.	How many outermost(valence) electrons in Group 2A elements?
20.	How many outermost(valence) electrons in Group 4A elements?
21.	What is the name for the group which lies in between the two main groups on the Periodic Table(between 1A/2A and 3A/8A)?
22.	Explain the OCTET RULE.
23	Circle the correct choice:
	2 protons (ATTRACT/REPEL) each other
	2 electrons (ATTRACT/REPEL) each other
	A proton and an electron(ATTRACT/REPEL) each other
ว ⊿	What is the name for the STADTNIC SUDSTANCES that underso shows in a
24.	What is the name for the STARTING SUBSTANCES that undergo change in a chemical reaction:
25	What is the name for the substances that are FORMED as a result of chemical
۷).	reactions:
26.	Define:
	ATOMIC MASS UNIT:
L	DALTON.
b)	DALTON:
27.	Write the A-Z-X symbol for the following isotopes:
a)	oxygen-16:
a)	oxygon-10.
	" 100
b)	silver- 108:
c)	bromine-80:

a)		14 C
b)		15 N
c)		¦ H
d)		3 H
e)		7 H
29.	Write the ELEC	TRON CONFIGURATIONS for the following elements:
a)	carbon:	TRON CONFIGURATIONS for the following elements:
a) b)	carbon:	
a)b)c)	carbon: chlorine: magnesium:	
a)b)c)d)	carbon: chlorine: magnesium: nitrogen:	
a)b)c)d)	carbon: chlorine: magnesium: nitrogen: neon:	
a)b)c)d)e)f)	carbon: chlorine: magnesium: nitrogen: neon: boron:	
a)b)c)d)e)f)g)	carbon: chlorine: magnesium: nitrogen: neon: boron: sodium:	
a)b)c)d)e)f)g)	carbon: chlorine: magnesium: nitrogen: neon: boron: sodium: silicon:	

28. How many neutrons are in the following isotopes: